

## CLAIMS

What is claimed is:

1. A wireless peripheral voice input device for use in conjunction with a computer platform for user-operated voice input to the computer platform by way of a wireless peripheral device;

the wireless peripheral voice input device comprising:

a sound pickup module, which is integrated to the wireless peripheral device, and which is capable of picking up natural sound from the surrounding environment;

a sound transducing module, which is integrated to the wireless peripheral device, and which is capable of transforming the natural sound picked by the sound pickup module into an electrical audio signal;

an audio signal modulation module, which is integrated to the wireless peripheral device, and which is capable of modulating the electrical audio signal from the sound transducing module into a modulated audio signal;

a transmitting wireless interface module, which is integrated to the wireless peripheral device, and which is capable of converting the modulated audio signal from the audio signal modulation module into a wireless audio signal and emitting the wireless audio signal into the surrounding environment; and

a reception wireless interface module, which is coupled to the computer platform, and which is capable of receiving the wireless audio signal from the transmitting wireless interface module on the wireless peripheral device and transferring the received audio signal to the computer platform.

2. The wireless peripheral voice input device of claim 1, wherein the computer platform is a notebook computer.

3. The wireless peripheral voice input device of claim 1, wherein the computer platform is a desktop computer.

5 4. The wireless peripheral voice input device of claim 1, wherein the computer platform is a tablet computer.

5. The wireless peripheral voice input device of claim 1, wherein the wireless peripheral device is a wireless multimedia controller.

10 6. The wireless peripheral voice input device of claim 1, wherein the wireless peripheral device is a wireless mouse device.

7. The wireless peripheral voice input device of claim 1, wherein the reception wireless interface module is coupled to the computer platform by way of a USB (Universal Serial Bus) port.

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